

OPINION 1918

MELOIDAE Gyllenhal, 1810 and NEMOGNATHINAE Castelnau, 1840
(Insecta, Coleoptera): given precedence over HORIIDAE Latreille, 1802

Keywords. Nomenclature; taxonomy; Coleoptera; blister beetles; MELOIDAE; NEMOGNATHINAE; HORIIDAE; ZONITIDINAE.

Ruling

- (1) Under the plenary powers it is hereby ruled that the family-group names MELOIDAE Gyllenhal, 1810 and other family-group names based on *Meloe* Linnaeus, 1758 and NEMOGNATHINAE Castelnau, 1840 and other family-group names based on *Nemognatha* Illiger, 1807 are to be given precedence over HORIIDAE Latreille, 1802 and other family-group names based on *Horia* Fabricius, 1787 whenever they are considered to be synonyms.
- (2) The following names are hereby placed on the Official List of Generic Names in Zoology:
 - (a) *Meloe* Linnaeus, 1758 (gender: masculine), type species by subsequent designation by Latreille (1810) *Meloe proscarabaeus* Linnaeus, 1758;
 - (b) *Nemognatha* Illiger, 1807 (gender: feminine), type species by monotypy *Zonitis vittata* Fabricius, 1801;
 - (c) *Horia* Fabricius, 1787 (gender: feminine), type species by subsequent designation by Betrem (1929) *Horia fabriciana* Betrem, 1929;
 - (d) *Zonitis* Fabricius, 1775 (gender: feminine), type species by subsequent designation by Selander (1987) *Zonitis flava* Fabricius, 1775.
- (3) The following names are hereby placed on the Official List of Specific Names in Zoology:
 - (a) *proscarabaeus* Linnaeus, 1758, as published in the binomen *Meloe proscarabaeus* (specific name of the type species of *Meloe* Linnaeus, 1758);
 - (b) *vittata* Fabricius, 1801, as published in the binomen *Zonitis vittata* (specific name of the type species of *Nemognatha* Illiger, 1807);
 - (c) *fabriciana* Betrem, 1929, as published in the binomen *Horia fabriciana* (specific name of the type species of *Horia* Fabricius, 1787);
 - (d) *flava* Fabricius, 1775, as published in the binomen *Zonitis flava* (specific name of the type species of *Zonitis* Fabricius, 1775).
- (4) The following names are hereby placed on the Official List of Family-Group Names in Zoology:
 - (a) MELOIDAE Gyllenhal, 1810 (type genus *Meloe* Linnaeus, 1758), with the endorsement that it and other family-group names based on *Meloe* are to be given precedence over HORIIDAE Latreille, 1802 and other family-group names based on *Horia* Fabricius, 1787 whenever they are considered to be synonyms;
 - (b) NEMOGNATHINAE Castelnau, 1840 (type genus *Nemognatha* Illiger, 1807), with the endorsement that it and other family-group names based on *Nemognatha* are to be given precedence over HORIIDAE Latreille, 1802 and other family-group names based on *Horia* Fabricius, 1787 whenever they are considered to be synonyms;

- (c) HORIIDAE Latreille, 1802 (type genus *Horia* Fabricius, 1787), with the endorsement that it and other family-group names based on *Horia* are not to be given priority over MELOIDAE Gyllenhal, 1810 and other family-group names based on *Meloe* Linnaeus, 1758 or NEMOGNATHINAE Castelnau, 1840 and other family-group names based on *Nemognatha* Illiger, 1807 whenever they are considered to be synonyms;
- (d) ZONITIDINAE Mulsant, 1857 (type genus *Zonitis* Fabricius, 1775) (correct original spelling of ZONITINAE).
- (5) The name ZONITINAE Mulsant, 1857 is hereby placed on the Official Index of Rejected and Invalid Family-Group Names in Zoology (incorrect original spelling of ZONITIDINAE).

History of Case 2924

An application for the family-group names MELOIDAE Gyllenhal, 1810 and NEMOGNATHINAE Castelnau, 1840 to be given precedence over HORIIDAE Latreille, 1802 was received from Prof M.A. Bologna (*Università degli Studi Roma Tre, Rome, Italy*) and Dr J.D. Pinto (*University of California, Riverside, California, U.S.A.*) on 4 January 1994. After correspondence the case was published in BZN 54: 226–230 (December 1997). Notice of the case was sent to appropriate journals.

Decision of the Commission

On 1 September 1998 the members of the Commission were invited to vote on the proposals published in BZN 54: 228–229. At the close of the voting period on 1 December 1998 the votes were as follows:

Affirmative votes — 19: Bock, Bouchet (part), Brothers, Cocks, Cogger, Eschmeyer, Kabata, Macpherson, Mahnert, Martins de Souza, Mawatari, Minelli, Nielsen, Nye, Papp, Patterson, Savage, Schuster, Štys

Negative votes — none.

No votes were received from Dupuis, Lehtinen, Kerzhner, Kraus and Song.

Heppell and Ride were on leave of absence.

Bouchet voted for proposals (2), (3), (4)(d) and (5) but against proposals (1) and (4)(a)–(c). He considered that priority should apply in this case.

Original references

The following are the original references to the names placed on Official Lists and an Official Index by the ruling given in the present Opinion:

fabriciana, *Horia*, Betrem, 1929, *Tijdschrift voor Entomologie*, 72: xxvii.

flava, *Zonitis*, Fabricius, 1775, *Systema Entomologiae* ..., p. 127.

Horia Fabricius, 1787, *Mantissa Insectorum*, part 1, p. 164.

HORIIDAE Latreille, 1802, *Histoire naturelle, générale et particulière des crustacés et des insectes* ..., vol. 3, p. 182.

Meloe Linnaeus, 1758, *Systema Naturae*, Ed. 10, vol. 1, p. 419.

MELOIDAE Gyllenhal, 1810, *Insecta Suecica descripta. Classis I. Coleoptera sive Eleutherata. Pars II*, p. 481.

Nemognatha Illiger, 1807, *Magazin für Insektenkunde*, vol. 6, p. 333.

NEMOGNATHINAE Castelnau, 1840, *Histoire naturelle des animaux articulés*, part 2, p. 280.

proscarabaeus, *Meloe*, Linnaeus, 1758, *Systema Naturae*, Ed. 10, vol. 1, p. 430.

vittata, *Zonitis*, Fabricius, 1801, *Systema Eleutheratorum*, vol. 2, p. 24.

ZONITIDINAE Mulsant, 1857, *Histoire naturelle des Coléoptères de France. Vésicants*, p. 164 (incorrectly spelled as ZONITINAE).

ZONITINAE Mulsant, 1857, *Histoire naturelle des Coléoptères de France. Vésicants*, p. 164 (an incorrect original spelling of ZONITIDINAE).

Zonitis Fabricius, 1775, *Systema Entomologiae* ..., p. 126.

The following is the reference for the designation of *Meloe proscarabaeus* Linnaeus, 1758 as the type species of the nominal genus *Meloe* Linnaeus, 1758:

Latreille, P.A. 1810. *Considérations générales sur l'ordre naturel des animaux composant les classes des crustacés, des arachnides, et des insectes*, p. 419.

The following is the reference for the designation of *Horia fabriciana* Betrem, 1929 as the type species of the nominal genus *Horia* Fabricius, 1787:

Betrem, J.C. 1929. *Tijdschrift voor Entomologie*, **72**: xxvii.

The following is the reference for the designation of *Zonitis flava* Fabricius, 1775 as the type species of the nominal genus *Zonitis* Fabricius, 1775:

Selander, R.B. 1987. *Deutsche Entomologische Zeitschrift*, (n.s.)**34**: 341.